Curriculum Vitae

PATRICK S. BORDNICK, MPH, MSW, PH.D., LCSW

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EDUCATION

Year 2002	Degree M.P.H.	Institution/Location University of South Florida, Tampa, Florida College of Public Health
1996-1998	Post-Doctoral Fellowship	University of Texas Health Science Center - Houston Clinical Laboratory & Experimental Alcohol Research Center (CLEAR) and Department of Psychiatry and Behavioral Sciences
1995	Ph.D.	University of Georgia, Athens, Georgia School of Social Work
1990	M.S.W.	University of Michigan, Ann Arbor, Michigan School of Social Work
1989	B.S.	Madonna University, Livonia, Michigan Psychology Department
1987	A.G.S.	Schoolcraft College, Livonia, Michigan

Certifications and Licensures:

Year	State	Title and Number
2017	Louisiana	Licensed Clinical Social Worker (14228)
2007-Present	Texas	Licensed Clinical Social Worker (29357)
1999-2007	Georgia	Licensed Clinical Social Worker (002731)(Inactive)
1996-1999	Texas	Advanced Clinical Practitioner (29357)
1990-1991	Michigan	Certified Social Worker (inactive)

EMPLOYMENT

Faculty and Academic Appointments:

Year	Position	Institution/Location
2016 - Present	Dean	Tulane School of Social Work

2013 - 2016	Associate Dean of Research	University of Houston, Graduate College of Social Work
2010 - 2016	Credentialed Researcher	Michael E. DeBakey, Veterans Affairs Medical Center Houston
2008 - 2016	Professor	University of Houston, Graduate College of Social Work
2007 - 2008	Associate Professor	University of Houston, Graduate College of Social Work
2006 - 2007	Adjunct Professor	University of Georgia, College of Public Health
2005 - 2007	Associate Professor	University of Georgia, School of Social Work
2000 - 2004	Assistant Professor	University of Georgia, School of Social Work
1999 - 2000	Chief Analyst	Performance Measurement and Evaluation System (PERMES), State of Georgia, Division of Mental Health, Mental Retardation, and Substance Abuse
1998 - 1999	Instructor in Psychiatry	University of Texas Health Science Center at San Antonio, Department of Psychiatry, Division of Substance Abuse
1997 - 1998	Research Fellow	University of Texas Health Science Center - Houston, Clinical Laboratory and Experimental Alcohol Research Center (CLEAR)
1996 - 1997	Research Fellow	University of Texas Health Science Center - Houston, Department of Psychiatry and Behavioral Sciences
1993	Research - Doctoral Internship	Medical College of Georgia, Veterans Affairs Medical Center, Department of Psychiatry
1991	Clinical Social Worker	University of Michigan Medical Center, Department of Psychiatry, Eating Disorders and Depression

Administrative, Research Experience and Service:

Dean, 2016 - present

<u>Tulane of Social Work (TSSW), Tulane University</u>

Chief Administrator of the School.

Associate Dean of Research, 2013 - 2016

Graduate College of Social Work (GCSW), University of Houston

The GCSW strongly committed to the University of Houston initiative to become an urbanfocused, Tier 1 research university. Research at the university is becoming increasingly multidisciplinary, translational and transformative in line with the policies of the National Institutes of Health and other funding agencies. Working closely with GCSW faculty with research interests to produce applications and research study proposals for external funding, the GCSW has expanded its research capacity to include pre-award and post-award staff to assist faculty with submission to administration and compliance. This has allowed our college to seek NIH, NIDA, NIAAA, SAMHSA, HRSA and other foundation funding for research and student training support.

Director, 2011 - 2016

Research Center - Center for Drug & Social Policy Research (CDSPR), University of Houston

The CDSPR is a result of *University of Houston Drug Abuse Research Development Program* (UHDARDP/UHDARDP II), a National Institutes of Health, National Institute on Drug Abuse R24 mechanism entitled Minority Institutions' Drug Abuse Research Development Program. CDSPR's mission is to conduct and promote innovative research on substance abuse under strict scientific and ethical conditions. Identify the social, historical, political and cultural aspects that contribute to substance abuse and related problems. Propose and incorporate social policies that may prevent substance abuse. As Director, the CDSPR with faculty members have accomplished the aims of the UHDARDP and have successfully acquired funding to further support the drug abuse research infrastructure through the UHDARDP II (2014-2018).

Research Scientist, 2011 - 2016

Michael E. DeBakey Veterans Affairs Medical Center

Baylor College of Medicine and the Neurorehabilitation: Neurons to Networks Traumatic Brain Injury Center of Excellence at the VA Medical Center for a pilot project to assess the feasibility of using virtual reality environments to treat alcohol abuse issues in veterans.

Director, 2008 - 2016

Research Center - Child & Family Center for Innovative Research (CFCIR), University of Houston

The CFCIR aims at strengthening and expanding the research capacity at Graduate College of Social Work by integrating and developing innovative interventions and assessments tools combining behavioral health (e.g. anxiety, stress, mental disorders) and clinical social work research at the state, national, and international levels. This center also includes the Child Welfare Education Project (CWEP) prepares master's level social work students for the challenging and rewarding work found in Children's Protective Services after graduation. CWEP also provides financial assistance for tuition, books and some miscellaneous costs of the Master of Social Work degree.

Director, 2008 - 2016

GCSW - Virtual Reality Clinical Research Lab, University of Houston

Develop and test virtual reality applications for use in mental health research and treatment. This lab has received funding and support from NIH, NIDA and NIAAA.

Director, 2003 - 2007

Virtual Reality Clinical Research Center, University of Georgia

Develop and test virtual reality applications for use in mental health research and treatment. Specializing in substance abuse and behavioral applications.

1998 - 1999

University of Texas Health Science Center at San Antonio,

Department of Psychiatry, Division of Substance Abuse

Develop and design clinical trials research studies at the UTHSCSA substance abuse clinic. Supervise data collection, data integrity, and conduct statistical analytic processes.

Research Clinic Director, 1997 - 1998

<u>University of Texas – Houston, Clinical Laboratory and Experimental Alcohol Research Center</u> (C.L.E.A.R.)

Manage clinical medication trials, human laboratory studies, and data collection/database management. Develop real-time computerized data collection programs.

1998 - 1999.

<u>University of Texas Health Science Center at San Antonio, Substance Abuse Research Clinic</u>
Manage clinical data for medication trials, human laboratory studies, and data collection/database management. Conduct data cleaning for grant and funding renewals. Prepare manuscripts for presentations at conferences and publication. Develop real-time computerized data collection programs for palm top computers to collect subjective data.

University and College Committee Service:

2014-2016	University of Houston, President/Chancellor Medical School Development Taskforce, <i>Member</i>
2014-2016	University of Houston, ADVANCE: Women in Science Advisory Committee, Member
2014-2016	University of Houston, Health Sciences Taskforce, <i>Member</i>
2014-2016	University of Houston, Financial Conflict of Interest Committee, Member
2013-2016	University of Houston, Integrated Health/Behavioral Health Care Clinics Committee, <i>Chair</i>
2012-2015	Graduate College of Social Work, Social Work Research Conference Planning Committee, <i>Member</i> , (2012-2014) <i>Chair</i>
2012-2016	Graduate College of Social Work, Ph.D. Program Committee, Member
2011-2015	Graduate College of Social Work, Evaluation Committee, Member

Dissertation Committee Service:

University of Georgia, School of Social Work

Amy Crunk Traylor, Ph.D. (2007).

Dissertation title: Exploring cue reactivity in nicotine dependent young adults using virtual reality with expanded olfactory cues.

Committee Role: Chair

Hilary Lee Copp, Ph.D. (2007).

Dissertation title: Using virtual reality to investigate cross-cue reactivity and environmental cues

in nicotine dependent problem drinkers.

Committee Role: Chair

LTC Jeffrey Yarvis, PhD, MS (2004).

Dissertation title: Subthreshold PTSD: A Comparison of Depression and Alcohol Problems in

Canadian Veterans with Different Levels of Traumatic Stress.

Committee Role: Chair

Michael King, Ph.D. (2003).

Dissertation title: Creation and validation of the social work student self-appraisal inventory.

Committee Role: Chair

University of Houston, College of Education:

Megan M. Paris, Ph.D. (2010).

Dissertation title: Cue reactivity in virtual reality: the role of context

Committee Role: Member

University of Houston, College of Pharmacy:

I-Hsuan Wu, Ph.D. (2011)

Dissertation title: Correlates of tobacco use among Taiwanese adults

Committee Role: member

University of Houston, Graduate College of Social Work:

Melissa Torres, Ph.D. (2015).

Qualifying and Dissertation title: Perceptions of Latina/os and the sex trade: A qualitative study

Committee Role: Member

Elizabeth McIngvale, Ph.D. (2014).

Dissertation title: Web based self-help for obsessive compulsive disorder

Committee Role: Chair

Amanda Ford, Ph.D. (2014).

Dissertation title: Don't Get Killed on Craigslist: Understanding Behavior and the Perceived

Levels of Risk of Women-Seeking-Women

Committee Role: Member

Yolanda Villarreal, Ph.D. (2014).

Dissertation title: Depression in the Barrio: Risk and Protective Factors for Depression among

Mexican American Drug Users
Committee Role: Member

David V. Flores, Ph.D. (2012).

Dissertation title: Drug Use in Aging Mexican-American Men: The Role of Culture and Capital.

Committee Role: Member

Hyouso Kim (2012).

Dissertation title: Meta-analysis of turnover intention among child welfare workers

Committee Role: Member

Ellie Kaganoff, Ph.D. (2011).

Dissertation title: Assessment of cue-induced nicotine craving using virtual reality: Clinical and

laboratory implications.
Committee Role: Chair

Lucinda Nevarez, Ph.D. (2010).

Dissertation title: Discrimination and Depression in Mexicans and Mexican Americans: Results

from the National Epidemiologic Survey on Alcohol and Related Conditions.

Committee Role: Member

Darla D. Beaty, Ph.D. (2010).

Dissertation title: IRB stakeholders: Protecting human research participants through a culture of

conscience in a community based participatory research model: An exploratory study

Committee Role: Member

Alexis Lee Rose, Ph.D. (2009).

Dissertation title: Factors That Impact Condom Use Self-Efficacy in Postmenopausal Women.

Committee Role: Member

Community Service:

2014-2016 Houston Area Community Services, Inc., Board of Directors, Member

2015-2016 Clinton Foundation, Clinton Health Matters Initiative (CHMI), CHMI Houston and

Harris County Leadership Council, Member

Clinical Service:

Inpatient 1993 - 1994	Medical College of Georgia, Veterans Affairs Medical Center, Department of Psychiatry, Substance Abuse
1991 - 1992	University of Michigan Medical Center, Department of Psychiatry, Eating Disorders and Depression Programs
Outpatient 1998 - 1999	University of Texas Health Science Center at San Antonio, Treatment Research Clinic, Director of Psychosocial and Behavioral Interventions
1997 - 1998	University of Texas - Houston, Clinical Laboratory and Experimental Alcohol Research Center (CLEAR), Clinic Director
1991 - 1992	University of Michigan Medical Center, Department of Psychiatry, Eating disorders and Depression Programs
1989 - 1990	University of Michigan Medical Center, Department of Psychiatry, Anxiety

Honors and Awards:

2017	Not Impossible Award for Blue Cross Blue Shield Faces of Fearless SM Healthcare
	Innovation Award.
2017	Visionary Award at the Recovery Research Awards and Summit, Washington DC
2004	Canadian Chair in Cyber Psychology Research, New Investigator Award for
	Scientific Merit
1996	National Institute on Drug Abuse, NIDA Director's Travel Award Recipient.

PUBLICATIONS

Journal Articles:

- 1. Washburn, M., Parrish, D. E., & **Bordnick**, **P. S.** (2017). Virtual patient simulations for brief assessment of mental health disorders in integrated care settings. *Social Work in Mental Health*, DOI: 10.1080/15332985.2017.1336743
- 2. Applewhite, S. R., Mendez-Luck, C. A., Kao, D., Torres, L. T., Scinta, A., Villarreal, Y. R., Haider, A., & **Bordnick, P. S.** (2017). The perceived role of family in heroin use behaviors of Mexican-American men. *Journal of Immigrant and Minority Health*, 19:1207-1215.

Disorders Program

- 3. Narendorf, S. C., Cross, M. B., Santa Maria, D., Swank, P. R., & **Bordnick, P. S.** (2017). Relations between mental health diagnoses, mental health treatment, and substance use in homeless youth. *Drug and Alcohol Dependence*, 175: 1-8.
- 4. Villarreal, Y. R., Torres, L. R., Stotts, A., Ren, Y, Sampson, M., & **Bordnick, P. S.** (2017) Stress, depression, and drug use among aging Mexican American men living in the barrio. *Journal of Social Work Practice in the Addictions*, 17:4, 388-401, DOI: 10.1080/1533256X.2017.1369884.
- 5. Wu IH, Chen H, **Bordnick P**, Essien EJ, Johnson M, et al. Comparison of Cardiovascular Risks following Smoking Cessation Treatments Using Varenicline vs. NRT among Schizophrenic Smokers. Arch Psychiatr Ment Health. 2017; 1: 001-010
- 6. Wu I-Hsuan, Chen, Hua, **Bordnick, P.**, Essien, E. J., Johnson, M., Peters, R. J., Wang, X, & Abughosh, S. (2017). Comparison of suicide attempts/behaviors following smoking cessation treatment among schizophrenic smokers. Archives of Psychiatric Nursing, 31(1):62-67.
- 7. Washburn, M., **Bordnick, P.**, & Rizzo, A. (2016). A pilot feasibility study of virtual patient simulation to enhance social work students' brief mental health assessment skills. *Social Work in Health Care*, 55(9):675-693.
- 8. Parrish, D.E., Oxhandler, H.K., Duron, J.F., Swank, P. & **Bordnick, P.** (2016). Feasibility of Virtual Reality Environments for Adolescent Social Anxiety Disorder. *Research on Social Work Practice*, 26(7): 825-835. DOI: 10.1177/1049731514568897
- 9. Applewhite, S. R., Mendez-Luck, C., Kao, D., Scinta, A., Villrreal, Y. R., Haider, A., & **Bordnick, P. S.** (2016). The perceived role of family in heroin use behaviors of Mexican-American men. *Journal of Immigrant and Minority Health*, 18(2). [Epub ahead of print] DOI 10.1007/s10903-016-0421-3
- 10. McIngvale, E., **Bordnick**, **P.**, & Hart, J. (2015). A self-help website for obsessive compulsive disorder; who is accessing the website? *Journal of Technology in Human Services*, 33(2):191-203
- 11. Thompson-Lake D.G., Cooper K.N., Mahoney J.J. 3rd, **Bordnick P.S.**, Salas R., Kosten T.R., Dani J.A., De La Garza R. 2nd. Withdrawal Symptoms and Nicotine Dependence Severity Predict Virtual Reality Craving in Cigarette-Deprived Smokers. *Nicotine Tob. Res.* 2014 Dec 4. pii: ntu245. [Epub ahead of print] PMID: 25475087
- 12. Flores, D.V., Torres, L.R., Torres-Vigil, I., **Bordnick, P.S.**, Ren, Y., Torres, M.I., Deleon, F., Pericot-Valverde, I., & Lopez, T. (2014) From "Kickeando las malias" (kicking the withdrawals) to "Staying clean": The impact of cultural values on cessation of injection drug use in aging Mexican-American men. *Subst Use Misuse*. 49(8):941-54. PMID: 24779493
- 13. Kao, D., Torres, L.R., Guerrero, E.G., Mauldin, R. & **Bordnick, P.S.** (2013) Spatial accessibility of drug treatment facilities and the effects on locus of control, drug use, and service use among heroin-injecting Mexican American men. *Int J Drug Policy*. 25(3):598-607. PMCID: PMC4065640
- 14. Ledoux T., Nguyen A.S., Bakos-Block C., & **Bordnick P.** (2013) Using virtual reality to study food cravings. *Appetite*. 71:396-402. PMID: 24055758
- 15. Flores D.V., Torres L.R., Torres-Vigil I., Ren Y., Haider A. & **Bordnick P.S.** (2013) "El lado oscuro": "the dark side" of social capital in Mexican American heroin using men. *J Ethn Subst Abuse*. 12(2):124-39. PMID: 23768430
- 16. Yoon J.H., Newton T.F., Haile C.N., **Bordnick P.S.**, Fintzy R.E., Culbertson C., Mahoney J.J., Hawkins R.Y., Labounty K.R., Ross E.L., Aziziyeh A.I. & La Garza R.D. (2013) Effects of D-cycloserine on cue-induced craving and cigarette smoking among concurrent cocaine- and nicotine-dependent volunteers. *Addict Behav.* 38(2):1518-26. PMCID: PMC3415581
- 17. **Bordnick**, **P.S.**, Yoon, J.H. & Kaganoff, E. (2013). Virtual reality cue reactivity assessment: A comparison of treatment- vs. nontreatment-seeking smokers. *Research on Social Work Practice*. 23(4), 419-425.

- 18. Yoon, J. H., De La Garza, II, R., Newton, T. N., Haile, C. N., **Bordnick, P. S.**, Fintzy, R. T., Culbertson, C., Mahoney, III, J. J., Hawkins, R. Y., LaBounty, K. R., Ross, E. L. (2012). Effects of D-cycloserine on cue-induced craving and cigarette smoking among concurrent- and nicotine-dependent volunteers. *Addictive Behaviors*, 2, 1518-1526.
- 19. McIngvale, E., Bakos-Block, C. Hart, J. & **Bordnick, P.S.** (2012). The OCD Challenge: An online self-help program for obsessive compulsive disorder. *Psicoterapia Cognitiva e Comportamentale:* 83-97.
- McLay R.N., Graap K., Spira J., Perlman K., Johnston S., Rothbaum B.O., Difede J., Deal W., Oliver D., Baird A., **Bordnick P.S.**, Spitalnick J., Pyne J.M. & Rizzo A. (2012) Development and testing of virtual reality exposure therapy for post-traumatic stress disorder in active duty service members who served in Iraq and Afghanistan. *Mil Med*. 177(6):635-42. PMID:22730837
- 21. Kaganoff, E., **Bordnick, P. S.** & Carter, B. L. (2012) Feasibility of Using Virtual Reality to Assess Nicotine Cue Reactivity During Treatment. *Research on Social Work Practice*. 22, 159-165.
- 22. **Bordnick**, **P. S.**, Traylor, A.C., Carter, B. L. and Graap, K.M. (2012) A Feasibility Study of Virtual Reality-Based Coping Skills Training for Nicotine Dependence. *Research on Social Work Practice*. 22, 293-300.
- 23. McIngvale, E., Bakos-Block, C., Hart, J., & **Bordnick, P.** (2012). Technology and obsessive compulsive disorder: An interactive self-help website for OCD. *Journal of Technology in Human Services*. 30(2), 128-136.
- 24. Traylor, A.C., Parrish, D.E., Copp, H.L., & **Bordnick, P.S.** (2011). Using virtual reality to investigate complex and contextual cue reactivity in nicotine dependent problem drinkers. *Addictive Behaviors*, 36(11), 1068-75. PMID: 21783326
- 25. **Bordnick**, **P.S.**, Carter, B.L., & Traylor, A.T. (2011). What Virtual Reality Research in Addictions Can Tell Us about the Future of Obesity Assessment and Treatment. *Journal of Diabetes Science and Technology*. 5(2), 265-271. PMCID: PMC3125915
- 26. Paris, M. Carter, B.I., Traylor, A. C., **Bordnick, P.S.**, Day, S.X., Armsworth, M.W., & Cinciripini, P. M. (2011). Cue reactivity in virtual reality: The role of context. *Addictive Behaviors*, 36(7), 696-699. PMID: 21349649
- 27. Rizzo, A., Newman, B. Parsons, T., Difede, J. Reger, G., Holloway, K., Gahm, G., Mclay, R., Johnston, S., Rothbaum, B., Graap, K., Spitlanick, J., & **Bordnick. P.** (2009). Development and Clinical Results from the Virtual Iraq Exposure Therapy Application for PTSD. IEEE Explore: *Virtual Rehabilitation.* p. 8-15.
- 28. **Bordnick, P.S.**, Copp, H.L., Traylor, A., Graap, K.M., Carter, B., Walton, A., & Ferrer, M. (2009). Reactivity to cannabis cues in virtual reality environments. *Journal of Psychoactive Drugs*, 41(2), 105-112.
- 29. Traylor, A.C., **Bordnick, P.S.**, Carter, B.L. (2009). Using Virtual Reality to Assess Young Adult Smokers' Attention to Cues. *Journal of CyberPsychology and Behavior.* 12(4), 373-378. PMID: 19630582
- 30. Wimmer, J. Vonk, B. & **Bordnick, P.S.** (2009). A preliminary investigation of the effectiveness of attachment therapy for children with reactive attachment disorder. *Child & Adolescent Social Work Journal*. 26, 351-360.
- 31. Rizzo, A., Parsons, T., Pair, J., McLay, R., Johnston, S., Perlman, K., Deal, R., Reger, G., Gahm, Roy, M., Shilling, R., Rothbaum, B., Graap, K., Spitalnick, J. & **Bordnick, P.** (2008). Clinical results from the virtual Iraq exposure therapy. *DTIC-DOD Technical Reports*. pp. 9.
- 32. Rizzo, A., Parsons, T., Pair, J., McLay, R., Johnston, S., Perlman, K., Deal, R., Reger, G., Gahm, G., Roy, M., Shilling, R., Rothbaum, B., Graap, K., Spitalnick, J., **Bordnick, P.**, & Difede, J. (2008). Clinical Results from the Virtual Iraq Exposure Therapy Application for PTSD. *Proceedings of the Army Science Conference*. Dec, 2008.

- 33. Traylor, A.C., **Bordnick, P.S.**, & Carter, B.L. (2008). Assessing craving in young adult smokers using virtual reality. *The American Journal on Addictions*. 17(5), 436-440. PMID: 18770087
- 34. **Bordnick, P.S.**, Copp, H. L., Traylor, A., Graap, K.G., Ferrer, M. Brooks, J. (2008). Assessing reactivity to virtual reality alcohol based cues. *Addictive Behaviors*. 33(3), 743-756. PMID: 18282663
- 35. Carter, B.L., **Bordnick, P.S.**, Traylor, A., Day, S.X., Paris, M. (2008). Location and longing: The nicotine craving experience in virtual reality. *Drug and Alcohol Dependence*. 95(1-2), 73-80. PMCID: PMC2346538
- 36. Copp, H.L., **Bordnick, P. S.,** Traylor, A. T. & Thyer, B.A. (2007). Evaluating wraparound services for seriously emotionally disturbed youth: Pilot study outcomes in Georgia. *Adolescence.* 42, 723-732. PMID: 18229507
- 37. **Bordnick, P.S.**, Graap, K., Copp, H.L., Brooks, J., & Ferrer, M. (2005, October). Virtual reality cue reactivity assessment in cigarette smokers. *CyberPsychology & Behavior*. 8(5), 487-492.
- 38. **Bordnick, P.S.**, Traylor, A.C., Graap, K.M., Copp, H.L., & Brooks, J. (2005). Virtual reality cue reactivity assessment: A case study in a teen smoker. *Applied Psychophysiology and Biofeedback*. 30(3), 187-193. PMID: 16167184
- 39. Yarvis, J. **Bordnick, P.S.**, Spivey, C.A., & Pedlar, D. (2005). Subthreshold PTSD: A comparison of alcohol, depression, and health problems in Canadian peacekeepers with different levels of traumatic stress. *Stress, Trauma & Crisis: An International Journal*. 8, 195-213
- 40. **Bordnick, P.S.**, Graap, K.M., Copp, H., Brooks, J., Ferrer, M., & Logue, B. (2004). Utilizing virtual reality to standardize nicotine craving research: a pilot study. *Addictive Behaviors*. 29(9), 1889-1894. PMID: 15530734
- 41. **Bordnick**, **P.S.**, Waller, J. S., & King, M.K. (2004). Feasibility and implementation of a statewide evaluation of substance abuse services. *Research on Social Work Practice*. 14, 417-423.
- 42. **Bordnick, P.S.**, Elkins, R.L., Orr, T. E., Walters, P., & Thyer, B. A. (2004). Evaluating the relative effectiveness of three aversion therapies designed to reduce craving among cocaine abusers. *Behavioral Interventions*. *19*, 1-24.
- 43. Yarvis, J., & **Bordnick, P.** (2003). Psychological intervention for military mental health responders after 911. *The U.S. Army Medical Department Journal*. 34-44.
- 44. King, M., & **Bordnick**, **P.S.** (2002). Alcohol abuse and dependence: A social worker's guide to assessment. *Journal of Social Work Practice in the Addictions*. 2, 3-31.
- 45. Johnson, B. A., Roache, J., Javors, M., DiClemente, C., Cloninger, R., Prihoda, T., **Bordnick**, **P.**, Ait-Daoud, N., & Hensler, J. (2000). Ondansetron for reduction of drinking among biologically predisposed alcoholic patients: A randomized controlled trial. *Journal of the American Medical Association*, 284(8), 963-971.
- 46. Johnson, B.A., Cloninger, C. R., Roache, J. D., **Bordnick, P.S.**, & Ruiz, P. (2000). Age of onset as a discriminator between alcoholic subtypes in a treatment-seeking outpatient population. *The American Journal on Addictions*. 9(1), 17-27.
- 47. Johnson, B.A., Ait-Daoud, N., & **Bordnick, P.S.** (1999). Effects of isradipine, a dihydropyridine-class calcium channel antagonist, on d-methamphetamine-induced reduction in hunger. *Program Neuro-Psychopharmacology and Biological Psychiatry*. 23(7), 1227-1234.
- 48. Johnson, B.A., Roache, J. R., **Bordnick, P.S.,** & Ait-Daoud, T. (1999). Isradipine, a dihydropyridine-class calcium channel antagonist, attenuates some of d-methamphetamine's positive subjective effects: A preliminary study. *Psychopharmacology.* 144(3), 295-300.
- 49. Johnson, B.A., Wells, L., Chen, R., Kenny, P., Abramson, D., Dhother, S., Ratkos, L., & **Bordnick, P.** (1999). Effects of isradipine on intravenous cocaine-induced cardiovascular response: A pilot study. *Human Psychopharmacology Clinical and Experimental Research*. 14, 37-43.

- 50. Crolley, J., Roys, D., Thyer, B.A., & **Bordnick, P.** (1998). Evaluating outpatient behavior therapy for sex offenders. A pretest-posttest study. *Behavior Modification*. 22, 485-501.
- 51. **Bordnick**, **P.S.**, & Schmitz, J.M. (1998). Cocaine craving: An evaluation across treatment phases. *Journal of Substance Abuse*. 10(1), 9-17.
- 52. Schmitz, J.M., **Bordnick, P.S.**, Kearney, M., Breckenridge, J., & Fuller, S. (1997). Treatment outcome of cocaine-alcohol dependent patients. *Drug and Alcohol Dependence*. 47(1), 55-61.
- 53. Johnson, B., Overton, D., Wells, L., Kenny, P., Abramson, D., Dhother, S., Chen, R., & **Bordnick, P.** (1998). Effects of acute intravenous cocaine on cardiovascular function, human learning, and performance in cocaine addicts. *Psychiatry Research*. 77, 35-42.
- 54. Johnson, B., Chen, Y. R., Schmitz, J., **Bordnick, P.**, & Shafer, A. (1997). Cue-reactivity in treatment-seeking cocaine patients: Effects of cue-type and cue-modality. *Addictive Behaviors*. 22, 1-9.
- 55. Capp, H., Thyer, B. A., & **Bordnick, P.S.** (1997). Evaluating improvement over the course of adult psychiatric hospitalization. *Social Work in Health Care*, 25(4), 55-66.
- 56. **Bordnick**, **P.S.** (1997). Trichotillomania: A social worker's guide to practice. *Research on Social Work Practice*. 7, 216-227.
- 57. Johnson, P.A., Thyer, B.A., Daniels, M., Anderson, R.A., & **Bordnick, P.S.** (1996). Is the school social work examination valid? *Arete*. 20, 1-5.
- 58. Himle, J.A., **Bordnick, P.S.**, & Thyer, B.A. (1995). A comparison of trichotillomania and obsessive-compulsive disorder. *Journal of Psychopathology and Behavioral Assessment.* 17, 251-260.
- 59. **Bordnick**, **P.S.**, Thyer, B.A., & Ritchie, B.W. (1994). Feather picking disorder and trichotillomania: An avian model of human psychopathology. *Journal of Behaviour Therapy and Experimental Psychiatry*. 25(3), 89-96.
- 60. Wodarski, J.S., & **Bordnick, P.S.** (1994). Teaching adolescents about alcohol and driving: A two-year follow-up study. *Research on Social Work Practice*. 4, 28-39.

Abstracts:

- Yolanda R. Villarreal, Luis R. Torres, Angela L. Stotts, Yi Ren, Mcclain Sampson, Michelle R. Klawans & **Patrick S. Bordnick** (2017) Depression in the barrio: An analysis of the risk and protective nature of cultural values among Mexican-American substance users. *Journal of Ethnicity in Substance Abuse* Vol. 0, Iss. 0, 2017
- Villarreal, Y. Klawans, M. R., Torres, L., **Bordnick, P.**, & Stotts, A. (2017). Life in the barrio: Stress, depression and drug use. *Drug and Alcohol Dependence*, 171: e208.
- Villarreal, Y., Torres, L., & **Bordnick**, **P.** (2015). The interrelationship of culture and depression in the barrio. *Drug and Alcohol Dependence*, 156: e231.
- Yoon, J. H., De La Garza, R., **Bordnick, P. S.**, Hawkins, R. H., Shapiro, B. A., Croft, D. E., and Levin, H. E. (2014). A pilot study examining the efficacy of virtual-reality based relapse prevention among alcohol-dependent veterans with traumatic brain injury. *Drug and Alcohol Dependence*, 140, e247.
- Traylor, A.C., **Bordnick, P.S.**, & Carter, B.L. (2009). Providing olfactory cues in virtual reality: Challenges encountered in a young adult smoking cue reactivity study. *CyberPsychology & Behavior*. 12. 110.
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Bordnick, P. S., Glaude, Maurya, Cross, M. (submitted). Exploring the impact of a virtual alcohol party on the relationship between immersion, context realism and alcohol craving.

Washburn, M. & **Bordnick**, **P.S.** & Rizzo, A. A pilot feasibility study of virtual patient simulation to enhance social work students' brief mental health assessment skills. *Social Work in Health Care*. Submitted by Micki Washburn.

Washburn, M., **Bordnick, P. S.** & Parrish, D. E. Virtual patient simulations for brief assessment of common mental health disorders within integrated care settings. *Computers in Human Behavior*. Submitted by Micki Washburn.

Washburn, M., **Bordnick, P. S.** & Parrish, D. E. (In Review). A randomized control trial of virtual patient simulation for brief assessment of common mental health disorders. *Journal of Technology in Human Services*.

Traylor, A.C., Parrish, D.E., Carter, B.L., Copp, H.L., & **Bordnick, P.S.** (In Review) Attention to Smoking and Perceived Drinking Cues in Virtual Environments Using Virtual Reality to Investigate Complex and Contextual Cue Reactivity In Nicotine Dependent Problem Drinkers. *Virtual Reality*. Submitted by Amy Traylor.

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I-Hsuan Wu, Hua Chen, **Patrick Bordnick**, Ekere James Essien, Michael Johnson, Ronald J Peters, Xin Wang, Susan Abughosh. (In Review). Comparative Effectiveness of Smoking Cessation Medications among Schizophrenic Smokers. *Substance use and misuse*. Submitted by I-Hsuan Wu.

I-Hsuan Wu, Hua Chen, **Patrick Bordnick**, Ekere James Essien, Michael Johnson, Ronald J Peters, Xin Wang, Susan Abughosh. (In Review). Comparison of Cardiovascular Risks following Smoking Cessation Treatments Using Varenicline vs. Nicotine Replacement Therapy (NRT) among Schizophrenic Smokers. *Journal of Behavioral Health*. Submitted by Susan Abughosh.

Villarreal, Y., Torres, L., Ren, Yi., Sampson, M. & **Bordnick, P.S.** (In Progress) The Interrelationship of Stress, Depression, and Drug Use in the Barrio. *Journal of Health and Social Behavior* submitted by Yolanda Villarreal

Flores, D.V., Burnet, J., Torres, L.R., **Bordnick, P.S.**, & Dyer, C.B. (In Progress) "Chasing the Dragon": Medical Self-neglect, Substance Use, and Compromised Health of Aging Mexican-American Heroin Injecting Men with Chronic Liver Disease.

Torres, L.R., Flores, D.V., & **Bordnick**, **P.S.** (In Progress). Culture and Health Outcomes in Aging Mexican- American Heroin Users.

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Grand Rounds:

- **Bordnick, P.S.** (October 2014). Virtual reality applications for substance abuse assessment and treatment. University of Texas Health Science Center, Department of Psychiatry. Houston, TX
- **Bordnick**, **P.S.** (2011, May). Virtual reality: a glimpse into the future of psychiatry. Baylor College of Medicine. Houston, TX.

Convention papers (* denotes invited paper):

- Flores, D., Torres, L., & Bordnick, P. S. (June, 2016). A mixed methods assessment of familism's (Familismo) influence on the initiation, cessation, and treatment of injection heroin use. College on Problems of Drug Dependence 78th Annual Meeting, Palm Springs, CA, USA.
- Xin Wang, I-Hsuan Wu, Hua Chen, **Patrick Bordnick**, Ekere James Essien, Michael Johnson, Ronald J Peters, Susan Abughosh. (May, 2016). Comparison of Cardiovascular Risks following Smoking Cessation Treatments Using Varenicline vs. NRT among Schizophrenic Smokers. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 21st Annual International Meeting, DC, USA.
- Xin Wang, I-Hsuan Wu, Hua Chen, **Patrick Bordnick**, Ekere James Essien, Michael Johnson, Ronald J Peters, Susan Abughosh. (May, 2016) Comparison of Suicide Attempts/Behaviors following Smoking Cessation Treatments among Schizophrenic Smokers. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 21st Annual International Meeting, DC, USA.
- I-Hsuan Wu, Hua Chen, **Patrick Bordnick**, Ekere James Essien, Michael Johnson, Ronald J Peters, Xin Wang, Susan Abughosh. (May, 2016). Comparative Effectiveness of Smoking Cessation Medications among Schizophrenic Smokers. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 21st Annual International Meeting, DC, USA.
- Thompson-Lake, D. G., Cooper, K. N., Mahoney III, J. J., **Bordnick**, P. S., Salas, R., Kosten, T. R., Dani, J. A. & De La Garza II, R. (January, 2016) "Using virtual reality to elicit craving during cigarette deprivation" International Symposium on Addiction, South Korea.
- Parrish, D., Duron, J., Oxhandler, H.K., Swank, P. & **Bordnick, P.S.** (2015, January) "Feasibility of Virtual Reality Exposure As a Treatment for Adolescent Social Anxiety" Oral Paper presented at the 2015 Annual Conference of the Society for Social Work and Research, New Orleans, LA, January 14-18, 2015.
- Villarreal, Y., Sampson, M., Torres, L.R. & **Bordnick, P.S.** (2015, January) "Depression in the Barrio: An Analysis of the Risk and Protective Nature of Cultural Values Among Mexican American Drug Users" Oral Paper presented at the 2015 Annual Conference of the Society for Social Work and Research, New Orleans, LA, January 14-18, 2015.
- Thompson-Lake, D.G., Yoon, J.H., Cooper, K., Bordnick, S., Salas, R., Kosten, T.R., Dani,

- J.A., De La Garza, II, R. (2014, February). Effects of acute nicotine deprivation on craving, withdrawal, and virtual-reality-based cue reactivity. Poster presented at the annual meeting for the Society of Research on Nicotine and Tobacco, Seattle, WA.
- Kao, D., Torres, L.R., Mauldin, R., Guerrero, E.G., & **Bordnick, P.S.** (January, 2014). Exploring community and the spatial accessibility of drug treatment programs for aging Mexican American heroin users. Symposium paper presented at the Society for Social Work & Research Annual Conference, San Antonio, TX.
- Flores, D.V., Burnet, J., Torres, L.R., **Bordnick, P.S.**, & Dyer, C.B. (2013, October) "Medical Selfneglect, Substance Use, and Compromised Health among Mexican-American Heroin Injecting Men." Accepted for poster presentation at the National Hispanic Science Network 13th Annual International Conference," Shared Challenges and Opportunities for Achieving Health Equity with Ethnically Diverse Populations" Bethesda, MD.
- Yoon, J.H., De La, Garza, R., **Bordnick, P.S.**, Hawkins, R.H., Shapiro, B.A., Croft, D.E. & Levin, H.E. (2013, June). A pilot study examining the efficacy of virtual-reality based relapse prevention among alcohol-dependent veterans with traumatic brain injury. Presented at the 75th annual meeting of College on Problem of Drug Dependence, San Diego CA.
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- Torres, L.R. Flores, D.V., Ren, Y., Kao, D. T. & **Bordnick, P.S.** (2013, January). *Cultural Values, Disease, and Self-Rated Health Among Mexican American Injection Heroin Users.*Presented at the 17th annual meeting of Society for Social Work Research, San Diego CA.
- Applewhite, S. Scinta, A., Villarreal, Y. & **Bordnick, P.S.** (2013, January). *Determinants of Heroin Relapse in Older Mexican American Heroin Users- Implications for Culturally Responsive Treatment Modalities*. Presented at the 17th annual meeting of Society for Social Work Research, San Diego CA.
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- Flores, D.V., Torres, L.R., Torres, M., Ren, Y., Pericot-Valverde, I., Lopez, T., Ren, Y., Kao, D. T. & Bordnick, P.S. (2013, January). Sangre Mala, Sangre Buena/Good Blood, Bad Blood: The Role of Familismo As Risk and Protective Factor in Heroin-Injecting Mexican American. Presented at the 17th annual meeting of Society for Social Work Research, San Diego CA.
- Villarreal, Y., Torres, L.R., **Bordnick, P.S.**, Alcantara, A.A. & Haider, A. (2013, January). *Prevalence and Correlates of Co-Occurring Substance Use and Mental Health Conditions Among Aging Mexican American Injecting Heroin Users*. Presented at the 17th annual meeting of Society for Social Work Research, San Diego CA.
- Wehring HJ, Kelly DL, McMahon RP, Liu F, **Bordnick PS**, Fischer BA, Holcomb HH, Rowland LM, Taylor RM, Turner H, Heishman SJ. (2011, May) Assessment of craving in patients with schizophrenia using virtual reality. Presented at the 2011 the College of Psychiatric and Neurologic Pharmacists Annual Meeting, Phoenix, AZ, May 1-4, 2011.
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- Paris, M.M., Carter, B.L., Traylor, A.C., **Bordnick, P.S.**, Day, S. X., Cinciripini, P.M. & Armsworth, M.W. (2010, August). *Does context in virtual reality influence craving to smoke?* Presented at the 118th annual meeting of the American Psychological Association, San Diego, CA.
- *Bordnick, P.S. (2010, October). Empowering eagle: Building resilience and providing support for military families at home and abroad. Ellor, J., & Chavkin, N. Walking along side returning war veterans and their families. Presented at the National Association of Social Workers Texas annual meeting. Houston, TX
- *Bordnick, P.S. (2010). *Treatment research and development*. Presented at the Interdisciplinary Research Training Institute on Hispanic Drug Abuse. Houston, TX.
- *Bordnick, P.S. (2010). Motivation and self-monitoring: VR/Addiction and virtual humans. Presented at National Institutes of Health National Heart Lung Blood Institute's workshop: Virtual Reality Technologies for Research and Education In obesity and Diabetes. Bethesda, MD.
- Spitalnick, J., Rizzo, A.A., Rothbaum, B.O., **Bordnick, P.**, Difede, J. & Klomp, R. (2009). *Virtual Reality Exposure Therapy for Combat PTSD: Virtual Iraq*. Presented to Major Wilson Ariza, US Army, PEO STRI. Orlando, Florida.
- Spitalnick, J., Rizzo, A.A., **Bordnick, P**., Rothbaum, B.O., Klomp, R., Difede, J., Klomp, R. & Greenleaf, W. (2009). Virtual Reality and Telepsychiatry *Applications for Behavioral Health and Training*. Presented at the APA's Division 18 Pre-mini conference, Police and Public Safety Psychological Services Section. Toronto, Canada.
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- Rizzo, A., Reger, G., Newman, B., Holloway, K., Rothbaum, Difede, J., Gahm, G., Parsons, T., McLay, R., Johnston, S., Graap, K., Spitalnick, J. & **Bordnick, P.** (2009). *Development and clinical results from the virtual IRAQ exposure therapy application for PTSD*. Presented at Virtual Rehabilitation International Conference, University of Haifa, Haifa, Israel
- Rizzo, A.A., Graap, K., Mclay, R.N., Rothbaum, B.O., Difede, J., Reger, G., Perlman, K., Gahm, G., Johnston, S., Deal, W., Spitalnick, J., **Bordnick, P.**, Parsons, T. & Pyne, J. (2009). Clinical Results from a Virtual Iraq PTSD Exposure Therapy Application, *The 14th Annual CyberTherapy Conference*. Milan, Italy, June 2009.
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- Traylor, A.C., Carter, B.L., Paris, M.M., **Bordnick, P.S.**, & Day, S.X. (2009, April). *The fundamental structure of cigarette craving in young adult smokers: A multidimensional analysis.* Presentation made at the Joint Conference of the Society for Research on Nicotine and Tobacco and the Society for Research on Nicotine and Tobacco—Europe, Dublin, Ireland.
- Traylor, A.C., **Bordnick, P.S.,** & Carter, B.L. (2008, June). *Providing olfactory cues in virtual reality: Challenges encountered in a young adult smoking cue reactivity study.*Presentation made at the 13th Annual Cybertherapy Conference, San Diego, CA.
- Traylor, A.C., **Bordnick, P.S.**, & Carter, B.L. (2008, March). *Using virtual reality to explore thinking about smoking in nicotine dependent young adults.* Paper presented at the 14th Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, OR.
- Traylor, A.C., **Bordnick**, **P.S.**, & Carter, B.L. (2007, October). *Exploring attention to visual cues in nicotine dependent young adults using virtual reality.* Presented at the 9th Annual Conference of the Society for Research on Nicotine and Tobacco Europe, Madrid, Spain.
- Carter, B.L., Traylor, A.C., Day, S.X., Bordnick, P.S., & Paris, M.M. (2007. October).

- Multidimensional Scaling of Craving in Virtual Reality. Paper presented at the 9th Annual Conference of the Society for Research on Nicotine and Tobacco Europe, Madrid, Spain.
- Traylor, A.C., **Bordnick, P.S.**, & Copp, H.L. (2007, June). *Exploring cue reactivity in nicotine dependent young adult smokers using virtual reality with expanded olfactory cues.* Presented at the 12th Annual Cybertherapy 2007 Conference, Washington, D.C.
- Copp, H.L., **Bordnick, P.S.,** & Traylor, A.C. (2007, June). *Using virtual reality to investigate cross-cue reactivity and environmental cues in nicotine dependent problem drinkers*. Presented at the 12th Annual Cybertherapy 2007 Conference, Washington, D.C.
- **Bordnick, P. S.,** Bauman, S. & Graap, K. M. (2006, June). *Virtual reality applications in addiction*. Workshop presented at the 10th Annual Cyber Therapy International Conference, Quebec, Canada.
- Traylor, A.C., Copp, H.L. & **Bordnick, P.S.** (March 2006). Stages of change and mood state in alcohol dependent drinkers exposed to VR alcohol cues. Paper presented at the 6th Annual Guse Symposium on Alcoholism. St. Louis, MO.
- *Bordnick, P.S. (2006, February). Virtual reality for use in substance abuse treatment and research. Keynote presented at the 26th National Symposium for Psychiatric Practitioners. Athens, GA.
- Dingman, S, Branch, C, Mack, D, Tyler, S, **Bordnick, P**, and Grapp, K. (2005, November). *Virtual environment and fMRI data from nicotine craving.* 35th annual meeting of the Society for Neuroscience. Washington, DC
- Graap, K., **Bordnick, P.S.**, Brooks, J., Ferrer, M, & Brundage, S. (2005, June). *The addition of scent to immersive VR environments in addiction and speech pathology research.* Paper presented at the Annual Cyberpsychology Meeting, Basel, Switzerland.
- **Bordnick**, **P.S.** Graap, K., Copp, H. (2005, June). *Virtual reality and addiction research: Updates, status, and lessons learned.* Paper presented at Cyberpsychology meeting Basel, Switzerland.
- **Bordnick, P.S.,** Graap, K. M., Copp, H., Brooks, J., & Ferrer, M. (2004, November). *Virtual reality cue reactivity environment for nicotine dependent cigarette smokers.* Paper presented at the 38th Annual Association for the Advancement of Behavior Therapy convention, New Orleans, LA.
- **Bordnick, P. S.,** Graap, K. M., Copp, H., Brooks, J., Ferrer, M., & Logue, B. (2004, May). *Virtual reality cue-reactivity trial for nicotine dependence*. Paper presented at the 157th Annual conference of the American Psychiatric Association, New York, NY.
- **Bordnick, P.S.**, Graap, K. M., Copp, H., Brooks, J., Ferrer, M., & Logue, B. (2004, January). Development and testing of a virtual reality cue reactivity environment for nicotine dependent cigarette smokers. Paper presented at the 5th Annual Cyber Therapy Conference, San Diego, CA.
- Yarvis, J.S., **Bordnick, P.S.**, Vonk, M.E. & Pedlar, D. (November, 2003). *Canadian peacekeepers: Subthreshold of PTSD as predictor of alcohol abuse and depression.*Paper presented at the 109th Annual Meeting of Association of Military Surgeons of the United States (AMSUS), Partnerships in preparedness, prevention and public health: Protecting the nation, San Antonio, TX.
- **Bordnick, P.S.,** Graap, K.M., Brooks, J., Ferrer, M., & Logue, B. (2003, June). *Virtual reality cue exposure for drug addiction: Smoking*. Paper presented at the 15th Convention of the American Psychological Society, Atlanta, GA.
- **Bordnick, P.S.**, & Graap, K.M. (2003, June). *Using virtual reality to teach clinical skills*. Paper presented at the 15th Convention of the American Psychological Society, Atlanta, GA.
- Yarvis, J., & **Bordnick**, **P.** (2002, November). Responding to those who respond: Intervention and research methods. Poster session presented at the 18th Annual Meeting of the International Society for Traumatic Stress Studies, Baltimore, MD.

- Yarvis, J., & **Bordnick, P.** (2002, January). Debriefing the debriefers: A national social work response: Terrorism and crisis intervention—Integrating social work with computer technology. Paper presented at the Uniformed Services Social Work Conference, San Diego, CA.
- **Bordnick, P.S.**, Duffy, E., Stock, A.S., & Jarvis, J. (2002, August). Using operant and respondent methods to train disaster search dogs. Paper presented at the 110th Convention of the American Psychological Association, Chicago, IL.
- *Bordnick, P.S. (2002, June). *Mental health effects of disasters & working in SAR on responders*. Paper presented at the National Association of Search & Rescue Annual Conference, Charlotte, NC.
- *Bordnick, P.S. (2001, November). *Mental health effects of disasters on responders*. Paper presented at the 2nd Annual Search and Rescue Symposium, Tampa, FL.
- Robinson, B., **Bordnick, P.S.**, & Hayes, T. (2001, January). *Evaluating state mental health services utilizing a consumer-to-consumer administered satisfaction survey*. Paper presented at the 5th Annual Meeting of the Society for Social Work and Research, Atlanta, GA
- *Bordnick, P.S. (2000, March). Statewide training on data interpretation, presentation, and analysis using SPSS 10.0. Paper presented at the State of Georgia Regional Meeting, Athens, GA.
- **Bordnick, P.S.**, Kimble, A., Vogelson, L. Doherty, J., & Johnson, B. A. (1999, January). *New methodologies for measuring cocaine craving in the naturalistic environment*. Paper presented at the Society for Social Work Research, Austin, TX.
- Shenberger, M.A., Tiouririne, N.A., **Bordnick, P.S.**, & Johnson, B.A. (1998, July). *Effects of L-type calcium channel blocker, isradipine, on methamphetamine-induced changes in cognitive function.* Paper presented at the 21st Collegium Internationale Neuro-Psychopharmacologicum (CINP) Congress, Glasgow, Scotland.
- Johnson, B.A., Kaparos, S., **Bordnick, P.S.**, & Shenberger, M.A. (1998, July). *Effects of the L-type calcium channel blocker, isradipine, on methamphetamine-induced subjective effects*. Paper presented at the 21st Collegium Internationale Neuro-Psychopharmacologicum (CINP) Congress, Glasgow, Scotland.
- **Bordnick, P.S.**, Wells, L.T., Johnson, B.A., & Tiouririne, N. (1998, July). *Effects of the L-type calcium channel blocker, isradipine, on methamphetamine-induced cardiovascular response*. Paper presented at the 21st Collegium Internationale Neuro-Psychopharmacologicum (CINP) Congress, Glasgow, Scotland.
- Johnson, B.A., **Bordnick, P.S.**, & Tiouririne, N. (1998, July). *The impact of the L-type calcium channel blocker, isradipine, on cocaine-induced subjective effects*. Paper presented at the 21st Collegium Internationale Neuro-Psychopharmacologicum (CINP) Congress, Glasgow, Scotland.
- **Bordnick, P.**, Shenberger, M., Ratkos, L., Vogelson, L., Huang, D., Kimble, A., & Johnson, B. (1998, June). *Neuropsychological deficits in cocaine abusers*. Paper presented at the 151st Annual Meeting of the American Psychiatric Association (APA), Toronto, Canada.
- Johnson, B., **Bordnick**, **P.**, Shenberger, M., Ratkos, L., Vogelson, L., & Kimble, A. (1998, June). *Alcohol problems and age of onset*. Paper presented at the 151st Annual Meeting of the American Psychiatric Association (APA), Toronto, Canada.
- **Bordnick, P.S.**, Shenberger, M.A., Hassan, F., Doherty, J., & Johnson, B.A. (1998, June). *Age of onset and retention in alcohol treatment*. Paper presented at the 21st Annual Scientific Meeting of the Research Society on Alcoholism, Hilton Head, SC.
- Johnson, B.A., Ratkos, L.M., **Bordnick, P.S.**, Shenberger, M.A., Chen, Y.R., Doherty, J., & Hassan, F. (1998, June). *Relationship of childhood problems and early onset alcoholism*. Paper presented at the 21st Annual Scientific Meeting of the Research Society on Alcoholism, Hilton Head, SC.

- Johnson, B.A., Chen, Y.R., Roache, J.D., Swann, A.C., & **Bordnick, P.S.** (1998, June). *Age of onset as a discriminator between subtypes of alcoholic*. Paper presented at the 21st Annual Scientific Meeting of the Research Society on Alcoholism, Hilton Head, SC.
- Wells, L., Bordnick, P.S., Kenny, P., Overton, D., Dhother, D., Abramson, D., Wagner, L., Chen, R., Ratkos, L., Vogelson, L., & Johnson, B. (1997, August). Intravenous cocaine administration: Effects of isradipine on heart rate. Paper presented at the Regional Scientific Meeting of the Collegium Internationale Neuro-Psychopharmacologicum/Colegio Mexicano de Neuropsicofarmacologia (CINP/CMNP), Acapulco, Mexico.
- **Bordnick, P.S.**, Wells, L., Lamki, L., Barron, B., Fang, B., Wagner, L., Dhother, D., Kramer, L., Abramson, D., Huang, D., Ratkos, L., Vogelson, L., & Johnson, B. A. (1997, August). *Neuropsychological effects of chronic cocaine use*. Paper presented at the Regional Scientific Meeting of the Collegium Internationale Neuro-Psychopharmacologicum/Colegio Mexicano de Neuropsicofarmacologia (CINP/CMNP), Acapulco, Mexico.
- Johnson, B.A., Wagner, L., Lamki, L., Fang, B., Barron, B., Wells, L. T., Kramer, L., **Bordnick**, **P.S.**, & Chen, R. (1997, December). *Reliability of a novel quantitative SPECT technique for measuring low, high, and normal blood flow states in the brain*. Paper presented at the 36th Annual Meeting of the American College of Neuropsychopharmacology (ACNP), Waikoloa, HI.
- Ratkos, L.M., Kaparos, S., Vogelson, L., Chek, K., Hassan, F., Kimble, A., Huang, D., Wells, L. T., **Bordnick, P.S.**, & Johnson, B.A. (1997, March). *Neuropsychological effects of chronic cocaine use*. Paper presented at the 3rd Annual University of Texas Houston Health Science Center Research Day, Houston, TX.
- Wells, L.T., Chen, R., Ratkos, L. M., Vogelson, L. Kaparos, S., Hassan, F., Kimble, A., Chek, K., **Bordnick, P.S.**, & Johnson, B. (1997, June). *Cocaine craving: A real-time naturalistic evaluation*. Paper presented at the 59th Annual Scientific Meeting of the College on Problems of Drug Dependence (CPDD), Nashville, TN.
- Chen, R., **Bordnick, P.S.**, Simms, D., & Schmitz, J. (1997, June). *Cue reactivity and specificity*. Paper presented at the 59th Annual Scientific Meeting of the College on Problems of Drug Dependence (CPDD), Nashville, TN.
- Shafer, A., **Bordnick, P.S.**, Simms, D., Chen, R., Oderinde, V., Johnson, B.A., & Schmitz, J. (1997, June). *Relative sensitivity of a laboratory cue reactivity paradigm*. Paper presented at the 59th Annual Scientific Meeting of the College on Problems of Drug Dependence (CPDD), Nashville, TN.
- Lamki, L., Johnson, B.A., Simms, D., Fang, B., Barron, B., Wagner, L., **Bordnick, P.S.**, Chen, R., Meisch, R., Vogelson, L., Maugans, W., & Overton, D. (1997, June). *Cocaine-related changes in brain blood flow*. Paper presented at the 59th Annual Scientific Meeting of the College on Problems of Drug Dependence (CPDD), Nashville, TN.
- Schmitz, J.M., **Bordnick, P.S.**, & Lee, T. (1997, June). *A comparison of two treatment models for smoking cessation in women with heart disease risk*. Paper presented at the 3rd Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), Nashville, TN.
- **Bordnick, P.S.**, Schmitz, J.M., & Navarro, B. (1997, June). *Analysis of coping skills in women who smoke*. Paper presented at the 3rd Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), Nashville, TN.
- Day, S., Schmitz, J.M., **Bordnick, P.S.**, Oswald, L.M., & Grabowski, J. (1996, June). *Treatment outcome of alcohol-cocaine dependent patients*. Paper presented at the 58th Annual Scientific Meeting of the College on Problems of Drug Dependence (CPDD), San Juan, Puerto Rico.

- Schmitz, J.M., **Bordnick, P.S.**, Rhoades, H.M., & Oswald, L.M. (1996, June). *Defining and predicting "relapse" following treatment of cocaine dependence*. Paper presented at the 58th Annual Scientific Meeting of the College on Problems of Drug Dependence (CPDD), San Juan, Puerto Rico.
- **Bordnick, P.S.**, & Schmitz. J. M. (1996, June). *Cocaine craving: An evaluation across treatment phases*. Paper presented at the 58th Annual Scientific Meeting of the College on Problems of Drug Dependence (CPDD), San Juan, Puerto Rico.
- **Bordnick, P.S.**, Elkins, R. L., Orr, T. E., Walters, P., & Thyer, B. A. (1996, May). *Evaluating the relative efficacy of three aversion therapies designed to reduce craving among male cocaine abusers*. Paper presented at the 149th Annual Scientific Meeting of the American Psychiatric Association (APA), New York, NY.
- Dougherty, D.M., & **Bordnick, P.S.** (1996, May). *The relationship between the menstrual distress questionnaire and aggressive responding*. Paper presented at the 149th Annual Scientific Meeting of the American Psychiatric Association (APA), New York, NY.
- Schmitz, J.M., **Bordnick, P.S.**, Thyer, B. A., & Dougherty, D. M. (1996, May). *Psychosocial and pharmacological treatments for cocaine abuse: A review of empirical research*. Paper presented at the 149th Annual Scientific Meeting of the American Psychiatric Association (APA), New York, NY.
- Schmitz, J.M., **Bordnick**, **P.S.**, & Lee, T. (1996, March). *Quitting smoking with or without treatment: Preliminary findings*. Paper presented at the Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), Washington, DC.
- Schmitz, J.M., **Bordnick, P.S.**, & Lee, T. (1996, March). *Smoking cessation in women with heart disease risk: A preliminary comparison of two treatment models*. Paper presented at the Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), Washington, DC.
- Schmitz, J.M., **Bordnick, P.S.**, & Spiga, R. (1996, March). The relationship of cigarette smoking to cocaine and alcohol outcome following inpatient/outpatient treatment. Paper presented at the Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco (SRNT), Washington, DC.
- **Bordnick, P.S.**, Schmitz, J.M., Day, S., Oswald, L.M., & Grabowski, J. (1996, February). *A comparison of alcohol-cocaine vs. cocaine dependent patients*. Paper presented at the Annual Scientific Meeting of the Texas Research Society on Alcoholism (TRSA), Lubbock, TX.
- **Bordnick, P.S.**, Orr, T.E., & Elkins, R. (1994, October). *Aversion therapy for alcohol and cocaine dependent patients*. Paper presented at the Annual Meeting of the National Association of Social Workers (NASW), Nashville, TN.
- Bordnick, P.S., Thyer, B.A., & Ritchie, B.W. (1994, March). Avian models of human psychopathology: Trichotillomania and feather picking disorder. Paper presented at the Annual Scientific Meeting of the Anxiety Disorders Association of America (ADAA), Santa Monica, CA.
- Himle, J.A., **Bordnick, P.S.**, & Himle, D. (1993, March). *Anxiety disorders and religion*. Paper presented at the Annual Scientific Meeting of the Anxiety Disorders Association of America (ADAA), Charleston, SC.
- **Bordnick, P.S.**, & Himle, J. A. (1992, October). *Trichotillomania group program*. Paper presented at the Annual Meeting of the Association for the Advancement of Social Work with Groups (AASWG), Atlanta, GA.
- Himle, J.A., & **Bordnick, P.S.** (1992, May). *A comparison of trichotillomania and obsessive-compulsive disorder*. Paper presented at the 145th Annual Scientific Meeting of the American Psychiatric Association (APA), Washington, DC.

- Himle, J.A., & **Bordnick**, **P. S.** (1992, March). *A comparison of trichotillomania and obsessive-compulsive disorder*. Paper presented at the Annual Scientific Meeting of the Anxiety Disorders Association of America (ADAA), Houston, TX.
- Himle, J.A., & **Bordnick, P.S.** (1991, July). *Trichotillomania and obsessive-compulsive disorder*. Paper presented at the Annual Albert J. Silverman Conference, Ann Arbor, MI.
- **Bordnick, P.S.** (1989, May). *Anxiety levels and smoking behaviors*. Paper presented at the Annual Meeting of the Illinois School of Professional Psychology, Chicago, IL.

Symposia/Workshop:

- **Bordnick, P.S** (February 2018) Virtual Reality and smart phone applications for health and behavioral health. Tulane Health Sciences Research Days Distinguished Lecture, New Orleans, LA
- **Bordnick**, **P.S**. (October, 2017). Virtual reality: The future of substance abuse research and treatment presented at the VR Conference, Stanford University, California
- **Bordnick**, **P.S**. (May 2017) A new reality in the Big Easy: how a city can harness VR to benefit citizens. Panelist at the Collision 2017 Conference, New Orleans, LA
- Himle, J., **Bordnick, P.** & Newman J. (January, 2016). SBIR/STTR Funding Mechanisms: Exemplars What is it, what are the research priorities, and what types of social work research are supported by this funding. Symposium presented at the 2016 Annual Conference of the Society for Social Work and Research, Washington, DC
- **Bordnick, P.S.** (2011, June). Theory and Research of Behavioral and Cognitive Cues and Virtual Reality Treatment. Presented at the Interdisciplinary Research Training Institute on Hispanic Drug Abuse, National Hispanic Science Network on Drug Abuse, funded by the National Institutes of Health, National Institute on Drug Abuse.
- **Bordnick, P.S**. (2011, April). Virtual reality for addictions: Treatment and assessment applications.
 - Presented at the American Society of Addiction medicine National Institute on Alcohol Abuse and Alcoholism Emerging Technologies: Translating Interventions Across a Spectrum of Risk for Alcohol Use Disorders. Washington, DC
- **Bordnick, P.S.** (2010, October). Virtual reality applications for alcohol and drug abuse. Presented at the National Institutes of Health /National Institute on Alcohol Abuse and Alcoholism, Addiction Health Services Research Conference, Lexington, KY.
- **Bordnick, P.S.** (2010, June). Treatment Research and Development. Presented at the Interdisciplinary Research Training Institute on Hispanic Drug Abuse, National Hispanic Science Network on Drug Abuse, funded by the National Institutes of Health, National Institute on Drug Abuse.
- **Bordnick, P.S.** (2008, July). Cue reactivity and virtual reality for drug addiction. Presented at the National Institutes of Health, National Institute on Drug Abuse, Symposium.
- **Bordnick, P.S**. (2007, May). Virtual reality assessment and treatment applications for nicotine dependence. Presented at the National Institute on Drug abuse, National Cancer Institute, American Cancer Society Workshop: The future of youth tobacco cessation research.
- **Bordnick, P.S.** & Graap, K. (2005, August). Virtual reality in addictions research: Developments and innovations. Presented at the National Institute on Drug Abuse (NIDA) symposium: Translation research on smoking cessation I & II. At the American Psychiatric Association Annual Meeting, Washington, DC.
- **Bordnick, P.S.** (2004, November). Virtual Reality Cue Reactivity Environment for Nicotine Dependent Cigarette Smokers. Presented during the Association for the Advancement of Behavior Therapy convention, New Orleans, LA.

- Johnson, B.A., Roache, J.D., Javors, M. A., DiClemente, C.C., Cloninger, C.R., Prihoda, T., Bordnick, P.S., & Ait-Daoud, N. (1999, May). Ondansetron and alcohol consumption: Preliminary analysis of double-blind trial. Presented during the National Institute on Alcohol Abuse and Alcoholism Symposium: Medications Development for Alcoholism: From Laboratory to Patient. At the American Society of Addiction Medicine Annual Meeting, New York, NY.
- Thyer, B.A., Organizer and Chair. **Bordnick**, **P.S.**, Guest Speaker. (1999, January). Outcome studies and doctoral dissertation. Third Annual Conference for The Society for Social Work and Research, Austin, TX.
- **Bordnick, P.S.** (1998, July). Correlations of assessments of subjective mood and alcohol consumption. Organizer and chair: B. A. Johnson. Research Society on Alcoholism Annual Meeting (RSA), Hilton Head, SC.

EXTERNAL FUNDING

Grants and Contracts:

Source: NIH/NIDA [R24 DA019798-6]

Title: University of Houston Drug Abuse Research Development Program II

Period: 2014-2016 Level of Funding: \$1,316,875

Role: Principal Investigator

Source: NIH/NIDA [R21DA035389-01A1] (PI: Traylor, Amy)

Title: Developing Virtual Reality Environments for Marijuana-using

Adolescents

Period: 2014-2017 Level of Funding: \$275,000

Role: Co-Investigator (consultant)

Source: Substance Abuse Mental Health Services Administration [Awarded

9/26/15] (PI: Torres, Luis)

Title: SMART Cougars PLUS: Substance Use, Mental Health, and

HIV/AIDS, HCV Risk Assessment and Testing

Period: 2015-2016 Level of Funding: \$900,000

Role: Co-Investigator-Evaluator

Source: University of Houston, Office of the Provost

Title: University of Houston Graduate College of Social Work Online

Degree: OnLine Graduate Degree Development Award (OGD²)

Period: 2014-2016 Level of Funding: \$136,662

Role: Principal Investigator

Source: Substance Abuse Mental Health Services Administration

[1H79SP020184] (PI: Torres, Luis)

Title: SMART Cougars: Substance Use, Mental Health, and HIV/AIDS Risk

Assessment and Testing

Period: 2013-2016 Level of Funding: \$894,595 Role: Co-Investigator-Evaluator

Source: CDC/National Center for Injury Prevention Control

Title: Traumatic Brain Injury Center

Period: 2009-2014 Level of Funding: 1,000,000

Role: Center member and pilot project PI

Source: NIH/NIDA [R24 DA019798]

Title: University of Houston Drug Abuse Research Development Program

Period: 2011-2013 Level of Funding: \$416,065

Role: Principal Investigator

Source: NIH/NIAAA [R21 AA018177]

Title: Exploring the role of context in Alcohol Craving

Period: 2010-2013 Level of Funding: \$391,183

Role: Principal Investigator

Source: NIH/NIDA [R21 DA022995]

Title: Feasibility of Immersive Virtual Reality Cue Reactivity for Nicotine

Period: 2008-2010 Level of Funding: \$372,131

Role: Principal Investigator

Source: NIH/NIAAA [R42 AA014312]

Title: Virtual Reality Relapse Prevention: Alcohol Dependence

Period: 2008-2012 Level of Funding: \$880.548

Role: Principal Investigator

Source: NIH/NIDA [R42 DA016085]

Title: Virtual Reality for Nicotine Dependence Phase II

Period: 2004 - 2008 Level of Funding: \$781,935

Role: Principal Investigator

Source: NIH/NIDA [R41 DA018454]

Title: Virtual Reality Cannabis Cue Exposure Assessment System

Period: 2004 - 2006 Level of Funding: \$144,526

Role: Principal Investigator

Source: NIH/NIAAA [R41 AA014312]

Title: Virtual Reality for Alcohol Dependence

Period: 2004 - 2005 Level of Funding: \$149,903

Role: Principal Investigator

Source: UGA Technology Program

Title: Using Virtual Reality to Teach Clinical Skills

Period: 2003 - 2004 Level of Funding: \$25,000

Role: Principal Investigator

Source: NIH/NIDA [R41 DA016085]

Title: Virtual Reality Cue Exposure for Drug Addiction: Smoking

Period: 2002- 2004 Level of Funding: \$131,676

Role: Principal Investigator

Source: University of Georgia Research Foundation (UGARF)

Title: Alcohol Craving: A real-time naturalistic study

Period: 2002-2003 Level of Funding: \$4,500

Role: Principal Investigator

Source: Gwinnett, Rockdale, Newton CSB (SAMSHA: Kids Net)

Title: KIDS NET-Peach State Wrap around Initiative

Period: 2001-2004

Level of Funding: \$120,000/PER YEAR Role: \$120,000/PER YEAR

Source: Centers for Disease Control & Prevention

Title: Evaluation of mental status, memory/cognitive, and motor deficits in

salon workers exposed to environmental toxins compared to healthy

controls.

Period: 2001-2002

Level of Funding: N/A

Role: Collaborator

Source: Maas Maddux Award

Title: Alcohol craving in the naturalistic environment

Period: 1999

Level of Funding: \$17,790 *Moved to Georgia after award funding funds non-

transferable

Role: Principal Investigator

Source: NIH/NIDA [F32 DA005818]

Title: Cocaine craving: A real-time naturalistic evaluation

Period: 1997-1998 Level of Funding: \$30,400

Role: Principal Investigator

Source: NIH/NIDA

Title: NIDA Training Grant T32DA-07247

Period: 1995-1997

Role: Research fellow/trainee

Source: NIH/NIAAA

Title: Pharmacological treatments for alcoholism

Period: 1995-2000 Level of Funding: \$1,759,369 Role: Co-Researcher

Source: NIH/NIAAA

Title: Joint behavioral/pharmacologic treatments for alcoholism

Period: 1997-2003 Level of Funding: Approx. 3 million Role: Co-Researcher

Source: Ortho-McNeil Pharmaceuticals

Title: Topamax for the treatment of alcohol dependence

Period: 1998-2000 Level of Funding: \$180,000 Role: Co-Investigator

Source: Friends of Psychiatry Research-University of Texas Health Science

Center at San Antonio

Title: Double bind placebo controlled trial of divalproex for acute alcohol

withdrawal syndrome

Period 1998-1999 Level of Funding: \$9,000

Role: Co-Investigator

Source: NIH/NIDA

Title: Cocaine brain effects and neuroimaging

Period: 1998-2002 Level of Funding: \$1,199,535 Role: Co-Researcher

Source: NIH/NIAAA

Title: Ondansetron and early onset alcoholism

Period: 1999-2003 Level of Funding: Approx. \$350,000 Role: Co-Researcher

Institution

Courses Taught:

Year

Faculty
2007 – 2016 University of Houston Assessment in SW Practice
Graduate College of Social Work Drug abuse/Pharmacology
Clinical Field Internships

Doctoral Level Research Topics

Biostatistics -PhD

Course Title

Quantitative Methods -PhD

2000 - 2007 University of Georgia Program Evaluation

School of Social Work Foundation Research

Evaluation of Family Centered

Practice

Substance Abuse Software for Research

Virtual Reality Behavioral Therapy

Clinical Field Internships

SPSS

Post-Graduate/ Residency

1998 University of Texas – Houston Cocaine and Alcohol Dependence

Medical School – CLEAR

1997 University of Texas – Houston Psychiatric Assessment and

Medical School – CLEAR Interviewing

1996 University of Texas – Houston Clinical

Medical School – CLEAR

Clinical Trials Research

Graduate

1995 University of Georgia Social Welfare Policy and Services

1994 University of Georgia Assessment and Psychopathology:

Adults and Aged

1993 University of Georgia Introduction to Evaluation and

Research

Consulting:

Source: State of Georgia, Department of Human Resources, Mental Health,

Performance and Evaluation System

Project: Design and development of Statistical syntax and analysis of State

Mental Health Data via mainframe databases.

Period: 2000 – 2001

Level of Funding: N/A

Role: Consultant

Professional Affiliations:

2012 – 2016 National Hispanic Science Network

1999 Council on Social Work Education (CSWE)

1998 - 2003 Collegium Internationale Neuro-Psychopharmacologicum (CINP)*

1998 Research Society on Alcoholism (RSA)*

1995 National Association of Social Workers (NASW) *Societies; those that require election or examination for membership

National Institute of Health Reviews:

2004 - present Internal Review Group - Grant Reviewer

Other Professional Activities:

2014 - present	Journal of Medical Internet Research - Reviewer
2014 - present	Games for Health Journal - Reviewer
2014 - present	Computer Methods and Programs in Biomedicine - Reviewer
2014 - present	Nicotine and Tobacco Research - Reviewer
2014 - present	Journal of Anxiety Disorders - Reviewer
2013 - present	Behavior Research and Therapy- Reviewer
2013 - present	Appetite - Reviewer
2010 - present	Psychopharmacology - Reviewer
2009 - present	The Open Education Journal – Reviewer
2008 - present	The Open Addictions Journal – Editorial Board Member
2008 - present	Comprehensive Psychiatry - Reviewer
2008 - present	Drug and Alcohol Dependence – Reviewer
2007 - present	Addictive Behaviors - Reviewer
1992 - 2008	Research on Social Work Practice –Reviewer
1994 - 1997	Research on Social Work Practice – Board member

Non-Profit/Volunteer Experience:

2014 – 2016	Board of Directors – Houston Area Community Services
2008 - 2013	Urban Harvest Houston - Alabama Community Garden 3rd Ward
2005 – 2016	Organization for Chinese Americans (OCA)
2005 – 2016	QianJiang Kids International
2001 - 2003	American Red Cross Disaster Mental Health Responder 1
2000 - 2006	South East Search and Rescue Team (SESART)
1999 - 2000	Georgia Rescue Dog Association (GARDA)
1999 - 2000	Board of Directors – Dekalb Humane Society
1993 - 1995	International Avian Research Foundation (IARF)

SPSS Training and Skills:

6/07/00 - 6/10/00 SPSS - Survey Research Using SPSS SPSS Instit 5/18/00 - 5/19/00 SPSS - Intermediate Topics 10.0 SPSS Instit 4/17/00 - 4/19/00 SPSS - Advanced Statistical Analysis SPSS Instit 4/04/00 - 4/05/00 SPSS - Syntax and Macros SPSS Instit	tute, Atlanta tute, Atlanta

Additional Computer Skills:

So	ftu	va	re	Pı	'n	aı	ra	m	S

STATA	Microsoft Word	Adobe PageMaker
EPI-STAT	Microsoft Access	Adobe PhotoShop
EPI-INFO	Microsoft Excel	Adobe Premiere
GraphPad	Microsoft PowerPoint	Adobe After Effects
Endnote	Microsoft Outlook	Adobe Flash
SPSS for Windows	Corel Drawing Studio	Methodologists Toolchest
	0 (111) 0 1 0 11	\" \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

Macromedia Freehand Satellite Drawing Studio Visio Standard

Macromedia Extreme 3D

Computer Systems

Windows – PC Macintosh Palm Pilot

Other Skills

Database design Desktop publishing Web design

Database management Typesetting

Media Coverage and Press Releases:

Print

February, 2016 Virtual reality's promise, risk loom large for health researchers. <u>USA</u>

TODAY. Marco della Cava.

November 3, 2014 Fighting addiction with technology. Psychology Today.

http://www.psychologytoday.com/blog/man-talks-machine/201411/fighting-addiction-technology

September 16, 2014 Virtually Revolutionary. Scientific American (October 2014), 311, 26.

http://www.nature.com/scientificamerican/journal/v311/n4/full/scientificam

erican1014-26.html

Fall 2014 Virtual Reality vs. very real problems. <u>University of Houston Magazine</u>.

http://www.uh.edu/magazine/14f/health/virtual-reality.php

Sept 17, 2014 \$1.25 million NIH grant to aid research on impact of heroin use. Biotech

Week, p.264

August 22, 2014 Virtual reality cures real world craving. The Cougar.

http://thedailycougar.com/2014/08/22/virtual-reality-cures-real-world-

craving-bts/

October 8, 2014 UH professors list cancer risk factors in new book. The Daily Cougar.

http://thedailycougar.com/2014/10/08/uh-professors-list-cancer-risk-

factors-new-book/

April 23, 2014 Addiction therapy looks to virtual reality. The Daily Cougar.

http://thedailycougar.com/2014/10/08/uh-professors-list-cancer-risk-

factors-new-book/

November 18, 2014 Medical Breakthroughs from Houston. <u>Houston Chronicle</u>.

http://www.chron.com/life/healthzone/slideshow/Medical-breakthroughs-

from-Houston-78894/photo-4589013.php

April 4, 2013 Can virtual reality treat addiction? <u>Popular Science</u>.

http://www.popsci.com/science/article/2013-04/addiction-therapy-and-

virtual-reality

April 16, 2012 Virtual reality to be tested as relapse prevention tool. (BRIEFLY NOTED)(Brief article) Alcoholism & Drug Abuse Weekly, Vol.24(15), p.8(1). August 17, 2011 Returning vets' alcohol abuse addressed in virtual reality study. Biotech Week, p.1004 Virtual reality programs treats vets' mental health problems. Houston August 15, 2009 Chronicle. http://www.chron.com/news/houston-texas/article/UH-virtualreality-program-treats-vets-mental-1740964.php May 26, 2008 In case you haven't heard .. Alcoholism & Drug Abuse Weekly, Vol.20(21), p.8(1) University of Georgia at Athens Research Shows Virtual Reality Cues Oct 18, 2004 Can Trigger Cravings for Cigarettes. University Of Georgia AScribe Health News Service October 22/29, 2003 Fake Worlds Offer Real Medicine. <u>JAMA</u>. 290(16):2107-2112. http://jama.jamanetwork.com/article.aspx?articleid=197525 Break the habit virtually. University of Georgia: The Red and Black. August 18, 2003 http://www.redandblack.com/news/break-the-habitvirtually/article 750daf9a-ec93-5038-8e90-008b4f38ee74.html?mode=igm Dec 11, 2003 Virtually getting to the heart of your cravings: Addictions on radar screen/Hope is to teach coping skills via lab session, simulated scenes..(Gwinnett) McCarthy, Rebecca, The Atlanta Journal-Constitution (Atlanta, GA), p.JJ1 Radio March 2, 2016 Virtual Reality Therapy for Addiction. National Public Radio 89.7 WOSU. http://radio.wosu.org/post/wellness-wednesday-baseball-pitching-injuriesvirtual-reality-therapy-addiction-and-arnold How virtual reality could help heroin addicts. BBC Radio 5 Live. March 1, 2016 http://www.bbc.co.uk/programmes/p03l4ljk October 14, 2014 What's it like to be a smoker in Houston. Houston Public Media. Houston Matters program. Segment 1. http://www.houstonmatters.org/segments/segment-a/2014/10/14/whats-itlike-to-be-a-smoker-in-houston October 14, 2014 E-Cigarettes. <u>Houston Public Media. Houston matters program.</u> Segment 2. http://www.houstonmatters.org/show/2014/10/14/smoking-in-houstonjohn-hofmeister-and-women-in-space-houston-matters-for-tuesdayoctober-14-2014

December 12, 2011 Studying food cravings through virtual reality. National Public Radio-Houston Public Media. October 1, 2008 Virtual reality. National Public Radio – Houston Public Media. http://www.houstonpublicmedia.org/news/1222885250/ Television: January, 6, 2016 Is 2016 the year Virtual Reality will become mainstream? News/Fix CW39 Houston. http://cw39.com/2016/01/06/is-2016-the-year-virtual-reality-willbecome-mainstream/ October 6, 2015 Virtual Reality Cave Aids in Addiction Recovery. UH: Moment. National Public television - Houston Public Broadcasting. http://www.uh.edu/newsevents/stories/2015/October/105115UHMVRCave.php November 11, 2014 Virtual reality used to tackle addiction. KPRC Houston- NBC News. July 28, 2014 Unique virtual reality lab expands, tackles heroin addiction. National Public television – Houston Public Broadcasting. http://www.uh.edu/newsevents/stories/2014/July/07282014Unique%20Virtual%20Reality%20Lab %20Expands,%20Tackles%20Heroin%20Addiction.php July 20, 2014 UH researchers battling addiction with virtual reality. KRRT Houston -Fox News. http://www.myfoxhouston.com/story/25834578/uh-researchersbattling-addiction-with-virtual-reality December 12, 2011 Studying food cravings through virtual reality. UH: Moment. Houston PBS. http://www.uh.edu/newsevents/stories/12122011UHMVirtualRealityObesity.php January 14, 2010 Healthy Living: Virtual Reality. NBC News.. Internet/WEB: January 24, 2018 Virtual Reality could be a powerful tool to fight addiction, Tulane Dean says, Nola.com The Time Picayune, Maria Clark. http://www.nola.com/science/index.ssf/2018/01/tulane_dean_investigates use o.html January 12, 2018 Tulane Dean Recognized for Work in Virtual Reality for Addiction and Autism, Tulane University New Wave, Barri Bronston. http://news.tulane.edu/pr/tulane-dean-recognized-work-virtual-reality-

Houston "heroin cave" uses virtual reality to treat addicts. Business

Insider, Kevin Loria: www.businessinsider.com/university-of-houston-

March 3, 2016

addiction-and-autism

heroin-cave-virtual-reality-2016-3

February 29, 2016 Researchers Hope "Virtual Reality" Can Curb Addiction Relapses. ABC News, Gillian Mohney. abcnews.go.com/Health/researchers-hope-virtualreality-curb-addiction.../story?id... February 26, 2016 Virtual reality 'heroin cave' aimed at helping addicts kick habit. Reuters, Amanda Orr. https://www.reuters.com/article/us-texas-heroinidUSKCN0W10T8 February 11, 2016 Virtual Reality Treatment- Helpful or Harmful? The Fix: Addiction and recovery straight up. https://www.thefix.com/virtual-realitytreatments%E2%80%94helpful-or-harmful February 6, 2016 Virtual reality's promise, risk loom large for health researchers. USA TODAY, Marco della Cava. http://www.usatoday.com/story/tech/news/2016/02/02/virtual-realitypromise-and-concerns-both-loom-large-researchers/79360096/ How can virtual reality us deal with reality? TEDx Houston October 18, 2015 https://www.youtube.com/watch?v=OPfQQw72kus April 2, 2015 Healing Minds with Virtual Reality. NOVA NEXT. http://www.pbs.org/wgbh/nova/next/body/vr-therapy/ March 10, 2015 Visions for the future: Quitting smoking. Cancer Research UK. http://scienceblog.cancerresearchuk.org/2015/03/10/visions-for-thefuture-quitting-smoking/ September 4, 2014 UH virtual reality research on heroin aided by 1.25M NIH grant. Texas Medcial Center- News. http://www.tmcnews.org/2014/09/uh-virtualreality-research-heroin-aided-1-25m-nih-grant-2/ May 27, 2008 Virtual alcohol control. Science Central. http://archive.sciencentral.com/2008/05/27/virtual-alcohol-control/ Virtual world therapeutic for addicts: Study shows impact of environment April 30, 2008 to addiction cravings. Science Daily. http://www.sciencedaily.com/releases/2008/04/080428175336.htm April 28, 2008 Can virtual reality help with alcoholism? Science 2.0. http://www.science20.com/news releases/can virtual reality help with alcoholism March 10, 2015 Visions for the future: Quitting smoking. Cancer Research UK: Science Blog. http://scienceblog.cancerresearchuk.org/2015/03/10/visions-forthe-future-quitting-smoking/